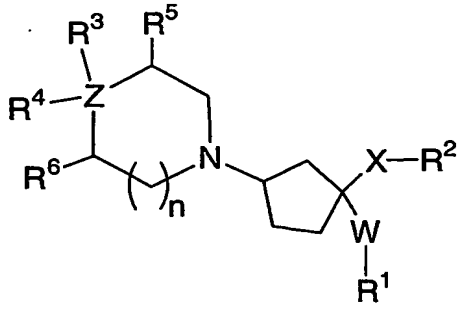
WHAT IS CLAIMED IS:

1. A compound of the formula I:



I

wherein:

X is selected from the group consisting of:

$-NR^{10}-$, $-O-$, $-CH_2O-$, $-CONR^{10}-$, $-NR^{10}CO-$, $-CO_2-$, $-OCO-$, $-CH_2(NR^{10})CO-$, $-N(COR^{10})-$, $-CH_2N(COR^{10})-$, phenyl, and $C_{3-6}$ cycloalkyl,

where $R^{10}$ is independently selected from: hydrogen, $C_{1-6}$ alkyl, benzyl, phenyl, and $C_{1-6}$ alkyl-$C_{3-6}$ cycloalkyl,

which is unsubstituted or substituted with 1-3 substituents where the substituents are independently selected from: halo, $C_{1-3}$alkyl, $C_{1-3}$alkoxy and trifluoromethyl;

W is selected from:

phenyl and heterocycle, which is unsubstituted or substituted with 1-3 substituents where the substituents are independently selected from: halo, $C_{1-3}$alkoxy and trifluoromethyl;

Z is selected from:

C, N, and -O-, wherein when Z is N, then $R^4$ is absent, and when W is -O-, then both $R^3$ and $R^4$ are absent;

n is an integer selected from 0, 1, 2, 3 and 4;

$R^1$ is selected from:

(a) halo,
(b) trifluoromethyl,
(c) trifluoromethoxy,
(d) hydroxy,
(e) $C_{1-6}$alkyl,
(f) $C_{3-7}$cycloalkyl,
(g) -O-$C_{1-6}$alkyl,
(h) -O-$C_{3-7}$cycloalkyl,
(i) $-SCF_3$,
(j) -S-$C_{1-6}$alkyl,
(k) $-SO_2$-$C_{1-6}$alkyl,
(l) phenyl,
(m) heterocycle,
(n) $-CO_2R^9$,
(o) -CN,
(p) $-NR^9R^{10}$,
(q) $-NR^9$-$SO_2$-$R^{10}$,
(r) $-SO_2$-$NR^9R^{10}$, and
(s) $-CONR^9R^{10}$
(t) $-NHC(=NH)NH_2$, and
(u) hydrogen,

$R^2$ is selected from:

($C_{0-6}$alkyl)-phenyl and ($C_{0-6}$alkyl)-heterocycle,

where the alkyl is unsubstituted or substituted with 1-7 substituents where the substituents are independently selected from:

(a) halo,
(b) hydroxy,
(c) -O-$C_{1-3}$alkyl,
(d) trifluoromethyl, and
(e) -$C_{1-3}$alkyl,

and where the phenyl and the heterocycle is unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from:

(a) halo,
(b) trifluoromethyl,
(c) trifluoromethoxy,
(d) hydroxy,
(e) $C_{1-6}$alkyl,
(f) $C_{3-7}$cycloalkyl,
(g) -O-$C_{1-6}$alkyl,
(h) -O-$C_{3-7}$cycloalkyl,
(i) $-SCF_3$,
(j) -S-$C_{1-6}$alkyl,
(k) $-SO_2$-$C_{1-6}$alkyl,
(l) phenyl,
(m) heterocycle,
(n) $-CO_2R^9$,
(o) -CN,
(p) $-NR^9R^{10}$,
(q) $-NR^9$-$SO_2$-$R^{10}$,
(r) $-SO_2$-$NR^9R^{10}$, and
(s) $-CONR^9R^{10}$;

$R^3$ is -($C_{0-6}$alkyl)-phenyl,

where the alkyl is unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from:

(a) halo,
(b) hydroxy,
(c) -O-$C_{1-3}$alkyl, and
(d) trifluoromethyl,

and where the phenyl is unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from:

(a) halo,
(b) trifluoromethyl,

(c) hydroxy,
(d) $C_{1-3}$alkyl,
(e) -O-$C_{1-3}$alkyl,
(f) -$CO_2R^9$,
(g) -CN,
(h) -$NR^9R^{10}$, and
(i) -$CONR^9R^{10}$;

$R^4$ is selected from:

(a) hydrogen,
(b) hydroxy,
(c) $C_{1-6}$alkyl,
(d) $C_{1-6}$alkyl-hydroxy,
(e) -O-$C_{1-3}$alkyl,
(f) -$CO_2R^9$,
(g) -$CONR^9R^{10}$, and
(h) -CN;

or where $R^3$ and $R^4$ may be joined together to form a ring which is selected from:

(a) 1H-indene,
(b) 2,3-dihydro-1H-indene,
(c) 2,3-dihydro-benzofuran,
(d) 1,3-dihydro-isobenzofuran,
(e) 2,3-dihydro-benzothiofuran, and
(f) 1,3-dihydro-isobenzothiofuran,

or where $R^3$ and $R^5$ or $R^4$ and $R^6$ may be joined together to form a ring which is phenyl,

wherein the ring is unsubstituted or substituted with 1-7 substituents where the substituents are independently selected from:

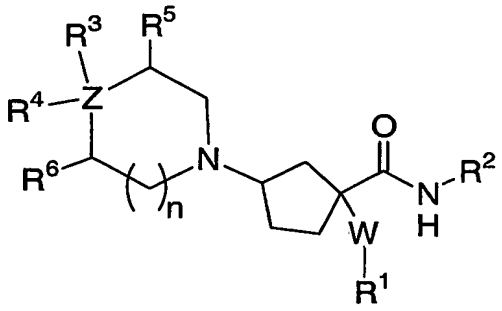
(a) halo,
(b) trifluoromethyl,
(c) hydroxy,
(d) $C_{1-3}$alkyl,
(e) -O-$C_{1-3}$alkyl,
(f) -$CO_2R^9$,

(g) -CN,
(h) $-NR^9R^{10}$, and
(i) $-CONR^9R^{10}$;

$R^5$ and $R^6$ are independently selected from:
(a) hydrogen,
(b) hydroxy,
(c) $C_{1-6}$alkyl,
(d) $C_{1-6}$alkyl-hydroxy,
(e) $-O-C_{1-3}$alkyl,
(f) oxo, and
(g) halo;

and pharmaceutically acceptable salts thereof and individual diastereomers thereof.

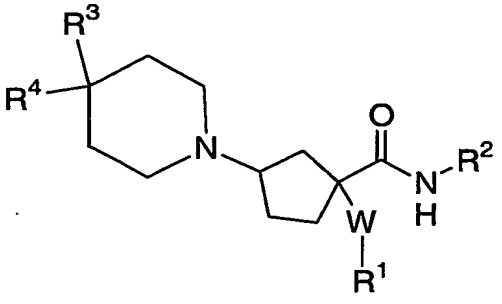
2. The compound of Claim 1 of the formula Ia:



Ia

and pharmaceutically acceptable salts and individual diastereomers thereof.

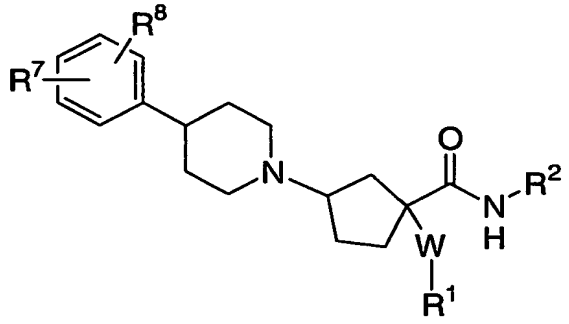
3. The compound of Claim 1 of the formula Ib:



Ib

and pharmaceutically acceptable salts and individual diastereomers thereof.

4. The compound of Claim 1 of the formula Ic:



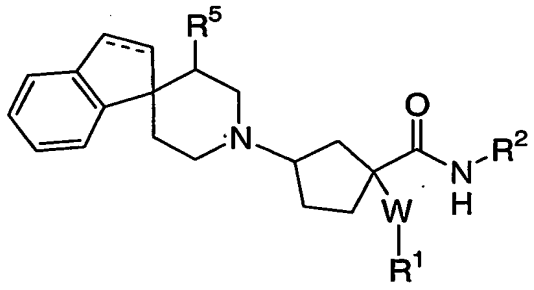
Ic

and wherein $R^7$ and $R^8$ are independently selected from:

(a) hydrogen,
(b) halo,
(c) trifluoromethyl,
(d) hydroxy,
(e) $C_{1-3}$alkyl,
(f) -O-$C_{1-3}$alkyl,
(g) -$CO_2H$,
(h) -$CO_2C_{1-3}$alkyl, and
(i) -CN;

and pharmaceutically acceptable salts and individual diastereomers thereof.

5. The compound of Claim 1 of the formula Id:

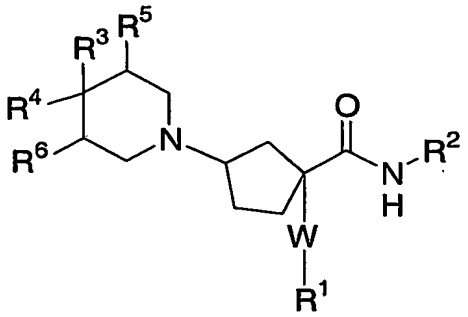


Id

wherein the dash line represents either single or double bonds;

and pharmaceutically acceptable salts and individual diastereomers thereof.

6. The compound of Claim 1 of the formula:



wherein W is selected from furanyl, imidazolyl, oxadiazolyl, oxazolyl, phenyl, pyrazolyl, pyrazinyl, pyridyl, pyridazinyl, pyrimidyl, pyrrolyl, thiadiazolyl, and thiazolyl, and pharmaceutically acceptable salts and individual diastereomers thereof.

7. The compound of Claim 1 wherein W is selected from furanyl, imidazolyl, oxadiazolyl, oxazolyl, phenyl, pyrazolyl, pyrazinyl, pyridyl, pyridazinyl, pyrimidyl, pyrrolyl, thiadiazolyl, thiazolyl, thienyl, and triazolyl, and N-oxides thereof.

8. The compound of Claim 1 wherein X is -CONH-.

9. The compound of Claim 1 wherein Z is -C-, -N- or -O-.

10. The compound of Claim 1 wherein n is 0 and 1.

11. The compound of Claim 1 wherein $R^1$ is selected from:

(a) hydrogen
(b) halo
(c) $C_{1-3}$alkyl,
(d) -O-$C_{1-3}$alkyl,
(e) -$CO_2R^9$,
(f) -S-$C_{1-3}$alkyl,
(g) -$SO_2$-$C_{1-3}$alkyl,

(h) $-SCF_3$,
(i) $NHC(=NH)NR^9R^{10}$
(j) $-NR^9R^{10}$,
(k) $-NR^9-SO_2-R^{10}$,
(l) $-SO_2-NR^9R^{10}$, and
(m) $-CONR^9R^{10}$.

12. The compound of Claim 1 wherein $R^2$ is selected from $-(C_{0-4}alkyl)$-phenyl and $-(C_{0-4}alkyl)$-heterocycle,

where heterocycle is selected from:

furanyl, imidazolyl, oxadiazolyl, oxazolyl, pyrazolyl, pyrazinyl, pyridyl, pyridazinyl, pyrimidyl, pyrrolyl, thiadiazolyl, thiazolyl, thienyl, and triazolyl, and N-oxides thereof,

where the alkyl is unsubstituted or substituted with 1-7 substituents where the substituents are independently selected from:

(a) halo,
(b) hydroxy,
(c) $-O-C_{1-3}alkyl$, and
(d) trifluoromethyl,

and where the phenyl or heterocycle is unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from:

(a) halo,
(b) trifluoromethyl,
(c) trifluoromethoxy,
(d) hydroxy,
(e) $C_{1-3}alkyl$,
(f) $-O-C_{1-3}alkyl$,
(g) $-CO_2R^9$,
(h) $-S-C_{1-3}alkyl$,
(i) $-SO_2-C_{1-3}alkyl$,
(j) $-SCF_3$,
(k) $-CO_2R^9$,
(l) $-NR^9R^{10}$,
(m) $-NR^9-SO_2-R^{10}$,

(n) $-SO_2-NR^9R^{10}$, and

(o) $-CONR^9R^{10}$.

13. The compound of Claim 1 wherein $R^2$ is selected from $-(C_{0-4}alkyl)$-phenyl and $-(C_{0-4}alkyl)$-heterocycle,

where heterocycle is selected from: pyridyl, pyridazinyl, and N-oxides thereof,

where the alkyl is unsubstituted or substituted with 1-7 substituents where the substituents are independently selected from:

(a) halo,

(b) hydroxy,

(c) $-O-C_{1-3}alkyl$, and

(d) trifluoromethyl,

and where the phenyl or heterocycle is unsubstituted or substituted with 1-3 substituents where the substituents are independently selected from:

(a) halo,

(b) trifluoromethyl,

(c) trifluoromethoxy,

(d) hydroxy,

(e) $C_{1-3}alkyl$,

(f) $-O-C_{1-3}alkyl$,

(g) $-CO_2-C_{1-3}alkyl$,

(h) $-CO_2H$,

(i) $-S-C_{1-3}alkyl$,

(j) $-SO_2-C_{1-3}alkyl$,

(k) $-SCF_3$,

(l) $-NH_2$,

(m) $-NH-SO_2-C_{1-3}alkyl$, and

(n) $-SO_2-NH_2$.

14. The compound of Claim 1 wherein $R^2$ is selected from $-CH_2$-phenyl and $-CH_2$-heterocycle,

where heterocycle is selected from: pyridyl, pyridazinyl, and N-oxides thereof,

and where the phenyl or heterocycle is unsubstituted or substituted with 1-3 substituents where the substituents are independently selected from:

(a) halo,
(b) trifluoromethyl,
(c) trifluoromethoxy,
(d) hydroxy,
(e) $C_{1-3}$alkyl,
(f) -O-$C_{1-3}$alkyl,
(g) -$CO_2$-$C_{1-3}$alkyl,
(h) -$CO_2H$,
(i) -S-$C_{1-3}$alkyl,
(j) -$SO_2$-$C_{1-3}$alkyl,
(k) -$SCF_3$,
(l) -$NH_2$,
(m) -NH-$SO_2$-$C_{1-3}$alkyl, and
(n) -$SO_2$-$NH_2$.

15. The compound of Claim 1 wherein $R^2$ is selected from:
(1) -$CH_2$-(phenyl),
(2) -$CH_2$-(4-bromophenyl),
(3) -$CH_2$-(3-chlorophenyl),
(4) -$CH_2$-(3,5-difluorophenyl),
(5) -$CH_2$-((2-trifluoromethyl)phenyl),
(6) -$CH_2$-((3-trifluoromethyl)phenyl),
(7) -$CH_2$-((4-trifluoromethyl)phenyl),
(8) -$CH_2$-((3-trifluoromethoxy)phenyl),
(9) -$CH_2$-((3-trifluoromethylthio)phenyl),
(10) -$CH_2$-((3-trifluoromethoxy-5-thiomethyl)phenyl),
(11) -$CH_2$-((3-trifluoromethoxy-5-methoxy)phenyl),
(12) -$CH_2$-((3-trifluoromethoxy-5-methanesulfonyl)phenyl),
(13) -$CH_2$-((3-trifluoromethoxy-5-amino)phenyl),
(14) -$CH_2$-((3-trifluoromethoxy-5-aminomethanesulfonyl)phenyl),
(15) -$CH_2$-((3-trifluoromethoxy-5-sulfonylamino)phenyl),
(16) -$CH_2$-((3,5-bis-trifluoromethyl)phenyl),
(17) -$CH_2$-((3-fluoro-5-trifluoromethyl)phenyl),
(18) -$CH(CH_3)$-((3,5-bis-trifluoromethyl)phenyl),
(19) -$C(CH_3)_2$-((3,5-bis-trifluoromethyl)phenyl),

(20) -$CH_2$-(4-(2-trifluoromethyl)pyridyl),
(21) -$CH_2$-(5-(3-trifluoromethyl)pyridyl),
(22) -$CH_2$-(5-(3-trifluoromethyl)pyridazinyl),
(23) -$CH_2$-(4-(2-trifluoromethyl)pyridyl-N-oxide), and
(24) -$CH_2$-(5-(3-trifluoromethyl)pyridyl-N-oxide).

16. The compound of Claim 1 wherein $R^3$ is hydrogen or phenyl, where the phenyl is unsubstituted or substituted with 1-5 substituents where the substituents are independently selected from:

(a) halo,
(b) trifluoromethyl,
(c) hydroxy,
(d) $C_{1-3}$alkyl,
(e) -O-$C_{1-3}$alkyl,
(f) -$CO_2R^9$,
(g) -CN,
(h) -$NR^9R^{10}$, and
(i) -$CONR^9R^{10}$.

17. The compound of Claim 1 wherein $R^3$ is hydrogen or phenyl, where the phenyl is unsubstituted or substituted with 1-3 substituents where the substituents are independently selected from:

(a) halo,
(c) hydroxy,
(d) $C_{1-3}$alkyl,
(e) -O-$C_{1-3}$alkyl, and
(f) -$CO_2R^9$.

18. The compound of Claim 1 wherein $R^3$ is phenyl, or para-fluorophenyl.

19. The compound of Claim 1 wherein $R^4$ is selected from:

(a) hydrogen,
(b) hydroxy,

(c) $-CO_2H$,
(d) $-CO_2C_{1-6}$alkyl,
(e) -CN.

20. The compound of Claim 1 wherein $R^5$ and $R^6$ are independently selected from:
(a) hydrogen,
(b) hydroxy,
(c) $-CH_3$,
(d) $-O-CH_3$, and
(e) oxo.

21. A compound which is selected from the group consisting of the title compounds of the Examples, and pharmaceutically acceptable salts and individual diastereomers thereof.

22. A pharmaceutical composition which comprises an inert carrier and a compound of Claim 1.

23. A method for modulation of chemokine receptor activity in a mammal in need thereof which comprises the administration of an effective amount of the compound of Claim 1.

24. A method for treating, ameliorating or controlling an inflammatory or immunoregulatory disorder or disease which comprises administering to a patient in need thereof an effective amount of the compound of Claim 1.

25. A method for reducing the risk of an inflammatory or immunoregulatory disorder or disease which comprises administering to a patient in need thereof an effective amount of the compound of Claim 1.

26. A method for treating, ameliorating or controlling rheumatoid arthritis which comprises administering to a patient in need thereof an effective amount of the compound of Claim 1.